

New Jersey

Agricultural College Experiment Station,

BOTANICAL DEPARTMENT.

PRESIDENT AUSTIN SCOTT,
DIRECTOR.

PROF. BYRON D. HALSTED,
BOTANIST AND HORTICULTURIST.

New Brunswick, N. J., Sept. 21st 1893.

My dear Professor Robinson,

There are queer things about the horse chestnuts. The leaves you send yield an additional fungus enemy to the list I have before seen, and I will look for the same here. Our trees suffer greatly and I attribute it to a *Phyllosticta*; it may be that it should be shared by the fungus your Michigan leaves bring to light.

The coast gales ought not to be charged with the favoring condition. The whole series of observations you report is a puzzle but some of the factors are possibly without their influence. Further work will need to be studied in connection with meteorological phenomena -

While I like the horse chestnut I do

not advocate its planting. We are cutting
them out of our campus and putting
in tulips, birches ^{etc.} and I should like to try
liquidambar. It is in many ways fine
and quite free from fungus and insect enemies.

Should you come this way I would
delight me to have you call at my
Department.

I am sorry that I have so
little to offer in reply to your kind
favor. Spraying with Bordeaux mixture
would likely help to check the blight,
but possibly Professor Sargent is not
very wide of the mark to advise some
other tree. But that does not replace
an old horse chestnut right away particularly
if there are dear associations hanging to it.

Yours sincerely
Olyn J. Halsted